### RADIO FREQUENCY HOOK-UP INCREASES RANGE

Receiving Area Enlarged No. 5 and No. 10-Radio frequency transformers. By Device Explained By Expert

By R. L. DUNCAN,
Director, Radio Institute of America.

be detected.

Differing from the arrangement in audio frequency, it will be noted that the radio frequency amplifiers are placed ahead of the detector. This strengthens the signals which would be too feeble otherwise to pass into the detector with enough strength to go through the process of rectification.

In an audio frequency circuit the amplifier is placed after the detector to give greater volume to the incompling signals after passing through the purchased with varying steps. These detector.

Cration to the circuit. This may be a variometer or a honeycomb, or duolateral, coll.

No. 16—High resistance head phones shunted by fixed condenser.

No. 17—Six-volt storage or "A" battery.

No. 18—Variable "B" battery which should have a varying voltage from 17 to 45 volts.

The amplifying tubes take approximately ing signals after passing through the detector tiple takes approximately varying steps. These

No. 5-Variable condenser of about his plate circuit of the second amplifying tube. No. 11-Another variable conden

To increase the receiving area of microtata.

ohm
a radio set, arrange it in a radio freNo. 13—Detector tube.
No. 14—Rheostat controlling fila-

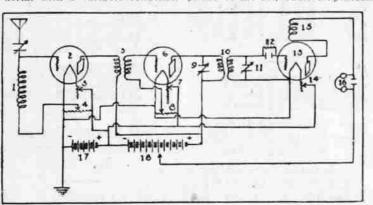
This will pick up signals from farment current in detector tube.

away points that could not otherwise be detected.

No. 15—Tickler coil giving regeneration to the circuit. This may be

purchased with varying steps. HOOK-UP.

Referring to the diagram, we have the aerial with a variable condenser power of the set, audio amplification



HOOK-UP OF RADIO FREQUENCY AMPLIFIER,

No. 1 represents the antenna inductance. This should be a honeycomb or duo-laterial coil, the size to be used depending upon the during the desired and the desired and the during the duri

wave length.
No. 2 and No. 6—Amplifier, or "hard," vacuum tubes.
No. 3 and No. 7—Filament rheo-

## RADIO PRIMER

and amplifier.

The Floor Mileage is

Unusually High

An odd way to begin an advertisement? Perhaps. Yet

mileage is really what you want the varnish on your beautiful floors to give you, is it not? \_\_maximum resistance to

McMurtry Rubber Floor Varnish is a varnish of maxiimum resistance-of high mileage. It has the sheen and shine so much desired. The flint hard surface resists scratching. The rubbery toughness keeps it an un-

broken film despite a blow that dents the wood beneath.

It retains its original appearance despite total immersion

It keeps your floors looking the way you want them for

the longest possible time. Actually, its "mileage" is

greater than you could possibly imagine and "mileage"

Sold by Leading Dealers

THE MCMURTRY MFG. CO.

Paint and Varnish Makers

Rubber Floor Varnish

here, too, means satisfaction and economy.

in either hot or cold water.

to the scratching and banging which all floors get.

# Voice by Radio



Wherever her daughter may Mrs. Cora Pocock of Chicago, keeps In touch with her by radio. Her daughter is Cyrena Van Gordon, Chicago opera star, who has been singing at radio broadcasting stations for the benefit of fans who listen in. Mrs. Pocock doesn't miss a concert in which her daughter figures,

### VALLEY HIGH WINS

BRIGHAM CITY, May 9.—The Bear "hard," vacuum tubes.
No. 3 and No. 7—Filament rheostate.
No. 4 and No. 8—Potentiometers
which give finer variation of the filapoints than the school in this city

## MASONS OPPOSE TRAGEDY WALKS TENETS OF KLAN WITH ROMANCE

California Grand Master Seven Persons in Hospitals,

Sends Out Warning

erican and un-Masonic as to merit the disapproval of thoughtful law-abiding. Order-loving men."

TERMED DANGEROUS
The letter continues: "It (the klan) seeks by secret methods to rectify she told him she did not love him, he what its leading members conceive to be improper conduct on the part of the people not members of the klan."

and to judge and condemn and execute its mandates by the dictum of a sheeted and hooded klansman, in fact, as in deed, an organization assuming dangerous military and judicial powers and authority.

hathough she admitted she loved him, delication, is not a five admitted she loved him. When the color with the factory and begged her to clope with him. When she told him she did not love him, he whipped out a pistol and fired five shots. One pierced her cnin. He then turned the weapon on himself, but again his aim was bad and he suffered only a fiesh wound in the cheek.

Mis Stanshefsky, 20, was haled into Yorkville magistrate's court on a charge of annoying Margaret Smith, a fellow factory worker, by persistently

dangerous military and judicial powers and authority.

"It matters not how patriotic may be the purpose of individual members.

The practical operations of the organization do not coincide with the principles and ideals upon which our government was founded nor upon the principles and ideals of Freemasonry.

"Masons are bound by all the teachings and all the traditions of our institutions to openly and avowedly sugnary as not apparent, were reported."

stitutions to openly and avowedly sus-tain the duly constituted administratMystery surrounds the death of Vin-

EXPRESSES DISBELIEF

"It has been charged that members In Hariem, Hugh Chambers, negro our fraternity have in some inances become allied with this Ku Lavelle, negro attorney, fied, wounded to the company of the company o stances become allied with this Ku Lavelle, negro attorney, fied, woundKiux Klan, and it is even charged that 
in some localities the klan is fostered 
and encouraged by Masons, that the 
night riders who usurp the lawful 
processes of the courts, and who whip 
and scourge and tar those under the 
penalty of their decrees, are Masons. 
The grand master does not believe 
such stories to be true, and he does not 
presume to prescribe the membership

SPECTATORS WOUNDED

honorable fraternity who are domin-ciled within the state of California, or who are members of California lodges.

The police said that the shooting af-

geles grand jury Monday in the investigation of the raid by masked men at GRAY BOBBED HAIR Inglewood April 22. in which Constable M. B. Mosher was fatally wounded. The witnesses were all members of the Elduayen family who were the ob-

were summoned to appear but were not reached before adjournment. Hairdressing and Beauty Culture association. One of the "clinic" features of the Inquest over Mosher's body, testified the raid was planned at a meeting where members of the Ku Klux Klan proper method of bobbing hair. Nine wars buttered. were initiated

were initiated.

WARRANTS ISSUED

Warrants for the arrest of Elduyen and his son, Mariano, on charges of violation of the Volstead act, were issued late Monday by a United States commissioner here.

The complaints charged them with the illegal sale of liquor the night of April 22, the time of the raid. The complaints were the result of a sworn testimone of N. A. Baker, a "kleagie" of the kilan and L. L. Bryson, a druggist and formerly a deputy constable of Huntington Park, a suburb, both of whom participated in the raid.

DESTROYED BY FIRE

young women gave up their locks, Bobbed hair will not be restricted to young women and girls, but will soon be popular among women of all ages, declared Harry Brautigan, vice president of the association. Moreover, he said, gray hair can be dyed to its original color "and regain its original luster."

NEWSPAPER PLANT

DESTROYED BY FIRE

DES MOINES, Iowa, May 9.—Fire

Joseph Marcants for the arrest of Elduyen and file is believed to have occurred Monday night a few minutes after 10 o'clock. Four pieces of jewel-ry, all of diamonds, set in platinum were taken. The length of the thief's arm apparently limited the haul, active jewelry in the case valued at more than \$30,000 was not touched.

FINGER PRINTS LEFT

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### GIRL SHOPLIFTER HAS NOVEL STORY

SAN FRANCISCO, May 9 .- Disclosure of a ring of shoplifters which had; trained her to that occupation and to which she was bound by an oath was they declared, by Harriet Crothers, 21 years old and pretty.

The girl, who also is known as Rae Dupont, was questioned in the pres-ence of representatives of ten San elsewhere, it was said this morning. Francisco department stores and admitted, the officers said, the theft of \$15,000 worth of goods from those es tablishments. She was arrested last Saturday night

According to the girl's purported statement she was bound by her pledge to the ring which trained her to act as a shoplifter for 15 years.

Miss Crothers was quoted by the

police as saying she had taken 200 silk dresses the first day she "worked" in San Francisco. According to their version of her statement, she learned the technique of the craft at a school in Chicago which she attended for three months.

"BOX CAR" SOCIETY

POCATELLO, Idaho, May 9.—The
formation of the second club of the
famous "Box Car" society of the
American legion was reported at Lewiston last week, with 15 charter members.

bers.

The official title is the "Lewiston Voiture of La Societe Nationale des 40 Hommes et 8 Chevaux." and is an inner secret circle of the American le-

This order of funmakers is recog-nized by the American legion head-quarters and was installed by State Legion Commander R. D. Leeper and O. S. Lindgren. The first club was established at Nampa. CALLED ON MISSION
BRIGHAM CITY, May 9.—Jesse W.
Hoopes, Jr., son of Mr. and Mrs. J. W.
Hoopes, has accepted a call to go to
the eastern states mission of the Mor-

mon church. He will leave June 14.

SAN FRANCISCO Calif.. May 9.—A letter discountenancing admittance of the Ku Klux Klan into the Masonic order was ordered zent to all members of the order in California and the Hawaiian Islands M. Lluy by Dr. Samuel E. Burke, grand master of the California jurisdiction of the order.

The letter which is approximately \$800 words, asserts that the Klan tenets are inimital to the tenets of true Americanism and Masonry and therefore have no place within the organization.

In his letter Grand Master Burka said that "the practical operations of the organization do not coincide with the principles and ideals upon which

Six Bodies in Morgue,

Gotham's Record

the principles and ideals upon which covered with a black bathrobe as a our government was founded nor upon pall, and with an electric reading lamp the principles and ideals of Free Maturned full on the pallid countenance.

the principles and ideals of Free Mamonry.

The letter says that its writer does
not believe reports which he says have
been circulated that in some localities
the Ku Klux Klan is fostered and concouraged by Masons.

The letter declared the klan "pretends that its chief purpose is to aid
in enforcement of the law, but its pracfere with the orderly and lawful administration of the processes of our
courts and the officers of the law." It
characterized the order as "so un-American and un-Masonic as to merit the
disapproval of thoughtful law-abiding,
order-loving men."

TERMED DANCEPOUS

ors of the law of the land, and to discountenance mob activities.

"Respect for the law is enjoined upon our initiates as the first lesson in Masonry.

EVERPLEES DISPELIES fights.

presume to prescribe the membership or activities of Masons in any lawful society or organization; but he is opposed to societies which condemn without due trial, which pretend to execute the mandates of any secret tribunal.

"And he will hold all those of our honorable fraternity who are domin-

to a strict accountability for any attempted usurspation of the law of the land."

The police said that it is police said that it is provided and a murder eight months ago when a street duel resultand."

The wounded are said that is provided and a street duel resultand."

The wounded are said that is provided and a street duel resultand. LOS ANGELES, May 9 — Five witnesses were called before the Los An-

petts of the raid.

Frank T. Woerner, deputy marshal of Inglewood, and Blake E. Shamban, traffic officer of the same place, also were summoned to appear but were predicted at the convention of the PHILADELPHIA, May 9 .- Bobber

young women gave up their locks.

DES MOINES, Iowa May 9 .- Fire of unknown origin, starting in the pa-per storage room of the Das Moines News, shortly before 3 o'clock this morning, wrecked the newspaper plant and gutted the entire News Ar-cade building. Loss to the News' plant is estimated at \$200,000.

W. F. Battenfield business manag-er of the News, estimates the loss at \$75,000 to the building and \$125,000 to presses, linotype machines, types and other equipment. The News will publish its newspaper at the offices of one of the other newspapers here un-

Every Russian between the ages of three and 100 must learn to read and write according to a decree of the Bol-shevist government.

### Because it is a Utah Jam Superfine



Many merchants think that if they give the public leg their business will grow and prosper. We have always that this is not so, low prices alone will never build a busy that this is not so, low prices alone will never build a busy that this is not so, low prices alone alone and the property of the pendal busy that the property of the pendal busy that the property of the pendal busy that the public legs th we place low prices after dependable goods and store structures the combined buying power of our many stores state of give you more for a dollar than it will buy clowhere believe that even if our prices were as high as others.

### Wednesday Unusual Bargains Until Noon

25c Shoulder Pork Steak, pound .....

20c Fresh Wienerwurst, pound

20c Fresh Hamburger, pound

Skaggs' Fresh Churned Creamery Butter, 2 pounds. Two Large Cans Ripe Olives Two Large Cans Apricot Jam....

## Everyday Saving Price

100 pounds pure fine Cane 10 pounds pure Cane Sugar . 69c 100 pounds coarse Cane Sugar .

HAMS-BACON

Eastern Sugar Cured Hama and Bacon, just right for the breakfast with eggs. Mild Sugar Cured Hams, Ib. 30c Half Ham, Ib. 33 Sugar Cured Bacon by the half or whole piece, Ib.

Center cuts, Ib. Lean Streaked Salt Pork, lb. 18c LARD-COMPOUNDS

10 pound pail pure Lard . \$1.55 pound pail pure Lard pound pail pure Lard pound can Snowdrift pound can Snowdrift, pound can Snowdrift poued can Orisco. 3 pound can Crisco 1 pound can Crisco 250 WESSON-MAZOLA OIL quart Wesson Oil . pint Wesson Oil quart Mazola Oil 1 pint Mazola Oil

BROOMS-MOPS

Heavy 5-tie Brooms Good strong Mon Stick Wisconsin Full Cream C pound Eastern Brick, pound Packago Cheese, 2 for

Full Cream, pound SOAP-CLEANSER Creme Oil Soap, 12 bars. Peter Pan Soap, 1 for Hard Water Casale, 3 fer Crystal White, 10 bars A. B. Naptha, 10 bars P. and G. Naptha, 10 b Light House Cleanser, 31 Old Dutch Clearier

Powdered Ben Ami, 2 for CANNED VEGETABLE Country Gentlemen Com Good Sweet Corn, 2 far Solid Pack Tomatoes, 2 June Peas Early June Peas, 2 for Sifted Early June . Large can Pumpkin, 2 to

Large can Hominy Large can Sweet Potators Large can Saverkraut ... CANNED FRUITS Large can Peaches . . Large can Pears Large can White Cherne Large can Egg Piums, 2 f Medium can Strawberns Medium can Raspbernes Fancy California Prutes,

Fancy California Figs 2 pounds

IDAHO

# WYOMING SAYS TARIFF W

Daring Thief Makes Haul the United States on From Exhibit in Hotel

SAN FRANCISCO. May 9.—Jewelry valued at \$42,690 was taken from an exhibit maintained in the lobby of the St. Francis hotel, noted local hostelry, by Shreve and company. The robber export of our goods. We had to work literally under the eyes of scores of persons who were in the

The case stood in a prominent position in the lobby. It contained two glass shelves, of which the lower one contained two rings, four broaches and a wrist watch. The thief had loosened and then removed one of the ened and then removed one of the small glass sections in the side of the

He is believed to have worked for days at odd moments in loosening the pane. Fingerprints were plain on the gless, and the mark of a hand was on the plush of the case. The police, obtaining impressions of these, started searching their identification records.

BRIGHTLY LIGHTED

The jewelry exhibit had been in the lobby since December. Diamond settings of the latest design were displayed by a brilliant illumination within the case. Those investigating the robbery pointed out that the thief probably was fashionably dressed, as otherwise he would have been conspicuous loitering about the lobby.

### CHIVALRY PUT HIM IN JAIL, SAYS JAP

NEWARK, N. J., May 9 .- Taisean Tsuji, a Jaapnese newspaper man, held in the Essex county jail on a charge of attacking a West Orange woman April 7, Monday denied the crime and declared his chivalry got him into the trouble. At the time of his arrest Tsuji, admitted making the attack saying he wanted to get color for a movie scenario in which a beautiful woman, was to be attacked on a lonely

Tsuji now claims his confession was made on the representation of a West Orange police officer that by admitting the crime, he would protect the good name of a woman without in-jury to himself. The officer, he said, promised he would quickly be re-

He has kept silence, he declares, in the hope that the police would keep their promise, but since he now faces trial on charges of assault and bat tery he says he will "tell the truth and wash his hands clean out of this

four, cousin of Earl Balls Britain's debt to the Uni



SAME PR over 30 ye 25 Ounces for SATISFACTION GUI OR MONEY REF



MINNOCH GLASS & PAINT CO. 2372 Washington Avenue Ogden, Utah

For Sale by WHEELWRIGHT LUMBER CO. 2451 Quincy Avenue Ogden, Utah